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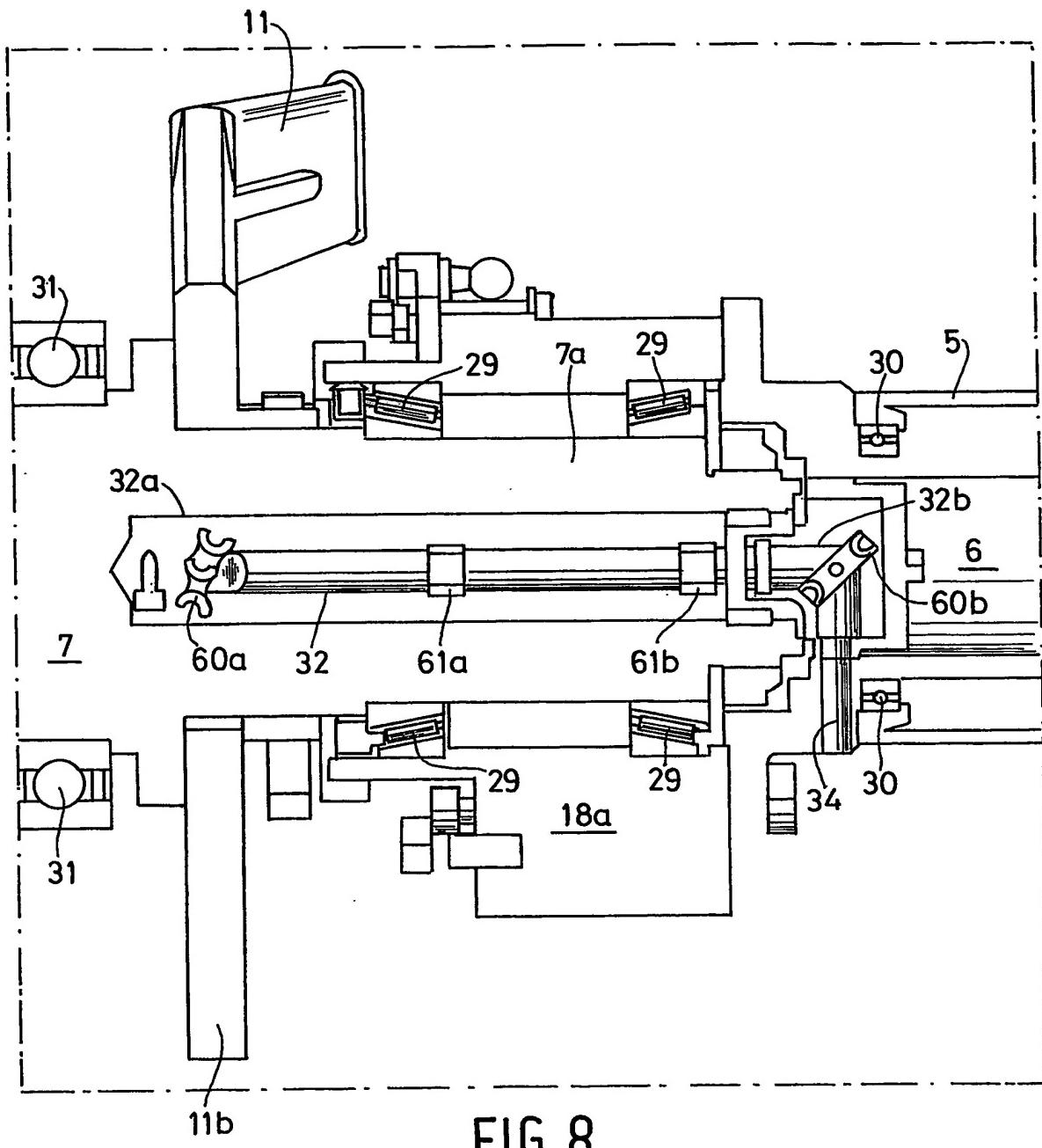


FIG. 8

INTERNATIONAL SEARCH REPORT

Application No
IL2004/000713

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 D01H1/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 D01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 085 045 A (TAKEUCHI YUKIO ET AL) 4 February 1992 (1992-02-04)	1-7, 13, 14, 18-22, 26-28, 33-35, 37, 38 8-12, 15-17, 36
Y		
A	column 4, line 36 - column 6, line 64; figures 1-8	23-25, 29-32
Y	DE 31 50 610 A (STUTTGARTER SPINDELFABRIK NOVI) 30 June 1983 (1983-06-30) page 14, paragraph 3 - page 15, paragraph 1; figure 11	8-12, 15-17
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

21 January 2005

Date of mailing of the International search report

28/01/2005

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INTERNATIONAL SEARCH REPORT

Application No
NL2004/000713

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 045 053 A (MURATA MACHINERY LTD) 18 October 2000 (2000-10-18) page 5, paragraph 36 - paragraph 40; figure 1 _____	36
X	DE 12 25 083 B (DEERING MILLIKEN RES CORP) 15 September 1966 (1966-09-15)	1,18-26
A	column 4, line 1 - column 5, line 39; figures 1-8 _____	2-19, 27-38
X	GB 692 027 A (HOWE TWISTER CORP) 27 May 1953 (1953-05-27) page 6, line 5 - page 9, line 96; figures 1-14 _____	1
X	US 3 377 790 A (GERHARD BROCKEL) 16 April 1968 (1968-04-16) the whole document _____	1

INTERNATIONAL SEARCH REPORT

Application No NL2004/000713

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5085045	A	04-02-1992	FR DE	2663048 A1 4018124 A1		13-12-1991 12-12-1991
DE 3150610	A	30-06-1983	DE	3150610 A1		30-06-1983
EP 1045053	A	18-10-2000	JP	3387444 B2		17-03-2003
			JP	2000290841 A		17-10-2000
			JP	2000290842 A		17-10-2000
			JP	2000290843 A		17-10-2000
			CN	1269433 A		11-10-2000
			EP	1045053 A1		18-10-2000
DE 1225083	B	15-09-1966		NONE		
GB 692027	A	27-05-1953		NONE		
US 3377790	A	16-04-1968	CH GB	427593 A 1124048 A		31-12-1966 21-08-1968